

2001 BASELINE - REPRICING TO BRING MODELS FROM FY98 DOLLARS TO FY01 DOLLARS

SITE: 100-D-53

COMPOSITE CALCULATION #19 (PROCESS UNIT / PLANT)

ERC LABOR

IN BASELINE DATABASE		14	ERC MANUAL HOURS (HAMTC) FROM COMPOSITE CALC SPREADSHEET
	+	169	ERC NON-MANUAL HOURS FROM COMPOSITE CALC SPREADSHEET
		183	TOTAL ERC HOURS
SEE NOTE 1		\$	10,085 ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.1892 DD FACTOR (1998 DD AT THE TIME THE CALCS WERE PERFORMED)
	X		1.0404 G&A FACTOR (1998 G&A AT THE TIME THE CALCS WERE PERFORMED)
		\$	12,478 TOTAL ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (FULLY BURDENED)
IN BASELINE DATABASE CALC BY BASELINE DATABASE		\$	12,478 TOTAL ERC LABOR AT THE TIME THE CALCS WERE PERFORMED @ 1998 DOLLARS (FULLY BURDENED)
	X		1.1463 LABOR FACTOR TO BRING 1998 LABOR DOLLARS TO 2001 LABOR DOLLARS (FULLY BURDENED)
		\$	14,303 TOTAL ERC LABOR @ 2001 DOLLARS (FULLY BURDENED)

ERC EQUIPMENT / MATERIAL/UNIT

		\$	33,435 ERC EQUIPMENT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
			W/ABOVE ERC MATERIAL @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
	+		W/ABOVE ERC UNIT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
		\$	33,435 TOTAL ERC EQUIPMENT / MATERIAL / UNIT @1998 DOLLARS (BASE, EXCLUDES BURDENS)
IN BASELINE DATABASE		\$	33,435 TOTAL ERC EQUIPMENT / MATERIAL / UNIT @1998 DOLLARS (BASE, EXCLUDES BURDENS)
CALC BY BASELINE DATABASE	X		1.076 ESCALATION FACTOR TO BRING 1998 COSTS TO 2001 DOLLARS
		\$	35,976 TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
		\$	35,976 TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.208 DD FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	X		1.037 G&A FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
		\$	45,067 TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (FULLY BURDENED)

SUBCONTRACT

IN BASELINE DATABASE		\$	- ERC SUBCONTRACT @ 1998 DOLLARS (BASE, EXCLUDES BURDENS) PER COMPOSITE CALC SPREADSHEET
CALC BY BASELINE DATABASE	X		1.076 ESCALATION FACTOR TO BRING 1998 COSTS TO 2001 DOLLARS
		\$	- TOTAL SUBCONTRACT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
		\$	- TOTAL SUBCONTRACT @2001 DOLLARS (BASE, EXCLUDES BURDENS)
	X		1.208 DD FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
	X		1.037 G&A FACTOR (FY2001 - 2003 DWP P3/PARADE SYSTEM GUIDANCE)
		\$	- TOTAL SUBCONTRACT @2001 DOLLARS (FULLY BURDENED)

TOTAL

		\$	14,303 TOTAL ERC LABOR @ 2001 DOLLARS (FULLY BURDENED)
		\$	45,067 TOTAL ERC EQUIPMENT / MATERIAL / UNIT @2001 DOLLARS (FULLY BURDENED)
		\$	- TOTAL SUBCONTRACT @2001 DOLLARS (FULLY BURDENED)
		\$	59,370 TOTAL (INCLUDES BURDENS)
TYPICALLY CONTINGENCY IS NOT CALCULATED BY THE MODEL BUT IS CALCULATED IN THE BASELINE DATABASE		\$	59,370 TOTAL (INCLUDES BURDENS)
	+	\$	14,011 CONTINGENCY @ 23.6% PER BHI CONTG. EVALUATION
		\$	73,381 TOTAL (INCLUDES BURDENS AND CONTINGENCY)

NOTES

- 1 THE APPLICATION OF DD AND G&A (BURDEN) IN THE BUILDUP OF THE ERC LABOR IS SLIGHTLY DIFFERENT THAN FOR MATERIAL, EQUIPMENT, UNIT, AND SUBCONTRACTS, AND OUR ESTIMATING TOOLS CANNOT HANDLE THE BURDEN DIFFERENTLY BETWEEN THE COST ELEMENTS, THEREFORE AN ESTIMATING WAGE IS USED IN THE CALCULATIONS. THE ESTIMATING WAGE RATE IS THE FULLY BURDENED WAGE RATE WITH THE BURDEN PERCENTAGES REMOVED FROM TOTAL (EST. WAGE=FULLY BURDEN WAGE/DD FACTOR./G&A FACTOR). WHEN MCACES FACTORS IN DD AND G&A THE ERC LABOR COSTS ARE BROUGHT BACK UP TO THE REAL FULLY BURDEN LABOR COST. THE ONLY PROBLEM THEN IS MCACES DOES NOT SHOW FULLY BURDEN ERC LABOR (AB NO MARKUP ITEM) THEREFORE THE BASELINE DATABASE IMPORT SPREADSHEET IS USED TO FACTOR IN THE BURDEN (USED IN THE MODEL) BACK INTO THE ERC LABOR. WITH THE FULLY LOADED LABOR IN THE DATABASE IT IS ONLY A MATTER OF APPLYING THE LABOR FACTOR TO BRING IT UP TO CURRENT RATES/PRICING LEVEL (EFFECTIVELY TAKES CARE OF CHANGES IN WAGE RATE, PAYROLL ADDS, OPERATING CENTER, CORPORATE ALLOCATION, DD, OVERHEADS, AND G&A).